

Thomas Bortfeld

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4254957/publications.pdf>

Version: 2024-02-01

9
papers

780
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation oncology in the era of precision medicine. <i>Nature Reviews Cancer</i> , 2016, 16, 234-249.	28.4	636
2	Grand challenges for medical physics in radiation oncology. <i>Radiotherapy and Oncology</i> , 2020, 153, 7-14.	0.6	33
3	The role of computational methods for automating and improving clinical target volume definition. <i>Radiotherapy and Oncology</i> , 2020, 153, 15-25.	0.6	31
4	Automated delineation of the clinical target volume using anatomically constrained 3D expansion of the gross tumor volume. <i>Radiotherapy and Oncology</i> , 2020, 146, 37-43.	0.6	31
5	The clinical target distribution: a probabilistic alternative to the clinical target volume. <i>Physics in Medicine and Biology</i> , 2018, 63, 155001.	3.0	20
6	Optimal combined proton+photon therapy schemes based on the standard BED model. <i>Physics in Medicine and Biology</i> , 2019, 64, 065011.	3.0	12
7	Optimal treatment plan adaptation using mid-treatment imaging biomarkers. <i>Physics in Medicine and Biology</i> , 2020, 65, 245011.	3.0	10
8	Probabilistic definition of the clinical target volume—implications for tumor control probability modeling and optimization. <i>Physics in Medicine and Biology</i> , 2021, 66, 01NT01.	3.0	5
9	Conic formulation of fluence map optimization problems. <i>Physics in Medicine and Biology</i> , 2021, 66, 225016.	3.0	2